

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	East Germany	REPORT	
SUBJECT	Scientific Technical Office No. 4 (NTB-4) (EFEM) of SAG Kabel	DATE DISTR.	10 June 1953
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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
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(FOR KEY SEE REVERSE)

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- On 1 October 1952, the Russian engineer Shesterkov (fnu) replaced A. V. Burov as head of NTB-4. It is understood by the German employees of the plant that Shesterkov came straight from OLIZ Leningrad (All-Union Leningrad Instrument Factory). It is not known where Burov has gone.
- On 7 October 1952, four packing cases were seen in NTB-4, awaiting despatch to the USSR. They were all for the same destination; one case bore the following inscription in Russian:

To: Moscow, West Freight Station
Scientific Research Institute for Auto-Instruments
From NTB-4 - Kabel
Case 611

Contents of the cases were as follows:

- Wattmeter (Leistungsmesser). 5-50 amp., 110-750 volts
 - Frequency meter (Frequenzmesser) for the measurement of frequencies up to 10,000 cycles
 - Multipurpose instrument (Vielbereichinstrument): measuring range 0.75 mV to 220 V, 0.3 A to 50 A.
- In summer 1952, the head of the NTB-4 office of standards asked the Russian management if it would not be possible to change from the Russian standards (GOST) to the German Industrial Standards (DIN). The Russians eventually agreed. This change is to take place in 1953.
 - A member of Dipl. Ing. Stanek's office staff (German direction) stated in early January 1953 that SAG Kabel planned to amalgamate all the NTB's under its direction, with Stanek as German director.

25 YEAR RE-REVIEW

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- 2 -

5. The following development projects for 1953 have been assigned to NTB-4 by and for USSR concerns:

- 53-19 Development of an automatic carbon monoxide measuring device with direct indicator
- 53-20 Development of a revolution counter for 100 ... 20,000 rpm's with recording attachment
- 53-21 Development of an electrical second meter for laboratory use
- 53-22 Development of an 8-loop, rotating coil, aeronautic oscillograph
- 53-23 Development of a stroboscope
- 53-24 Universal laboratory measurement bridge for the measurement of capacities, inductances, and resistances
- 53-25 Development of a universal recorder for the utilization in aircraft for the measurement of AC and DC voltages and/or currents
- 53-26 Development of a series of thermocouple ammeters
- 53-27 Vacuum-tube generator, portable model, 20 - 300 cycle
- 53-28 Sound analyser, 50-5,000 cycle, for examination of sound spectrum in the acoustical medium
- 53-29 Vibrograph of small dimensions
- 53-30 Electric photostat equipment for directional diagrams
- 53-31 Measurement amplifier, 5 - 500 kcs
- 53-32 Measurement amplifier, 10 - 5,000 cycles
- 53-33 Portable equipment for recording carbon monoxide content
- 53-34 Portable equipment for automatic measurement of alcohol-ether fumes
- 53-35 Indirect indicator (Indirektiven-Geber.) for recording angular acceleration
- 53-36 Torque meter
- 53-37 Measuring gauges for recording pressure
- 53-38 DC stabilizers
- 53-39 Prismatic spectrograph with great luminous intensity
- 53-40 Loss factor measuring bridge for 5 - 300 cycles
- 53-41 Vacuum tube voltmeter
- 53-42 Development and assembly of power consumption indicator for electric communications with an operating constant voltage of 3,300 volts
- 53-43 Double beam oscillograph with periodic and single time deflection
- 53-44 Defectoscope for nonferrous metal for exposing flaws in metal parts

1. Comment. There is as yet no indication as to which Soviet agency has ordered each 1953 project.

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